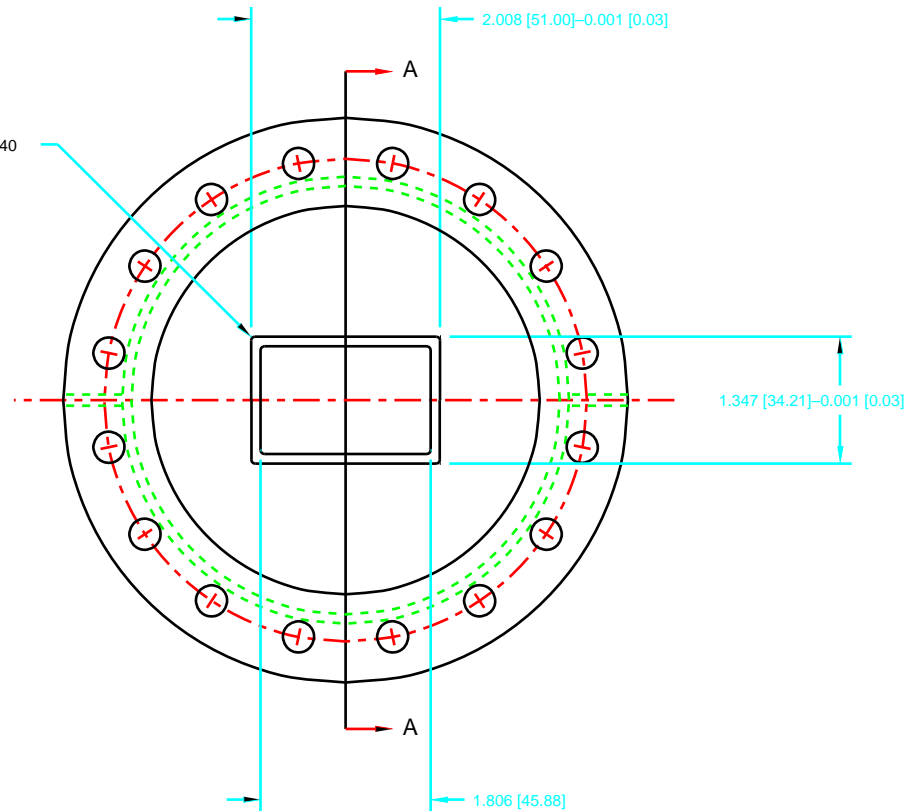


SECTION A - A


8X R.040



NOTES:

1. MAKE FROM MDC'S 6" O.D. ROTATABLE FLANGE CAT. #100025
2. WHEN MACHINING VACUUM PARTS, USE OF SILICONE AND SULPHUR-BASED CUTTING FLUIDS IS PROHIBITED. USE ONE OF THE FOLLOWING:
 - A) CIMCOOL 5 STAR 49
 - B) TRIM SOL
3. THIS IS A UHV PART, ELECTROPOLISHING IS NEEDED BEFORE WELDING. PRIOR TO ELECTROPOLISHING, THE PART MUST GO THROUGH A MULTIPLE STEP CLEANING PROCESS INVOLVING DEGREASING, WASHING AND DRY NITROGEN BLOW DOWN.
4. KEEP THE PART CLEAN, AND WRAP FOR UHV PACKING WITH ALUMINUM FOIL.
5. DIMENSIONS IN [] ARE MILLIMETERS AND FOR REF. ONLY

SYM	CHANGE DESCRIPTION	BY	CHKD	DATE
REVISIONS				

ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC		QTY
PARTS LIST					
UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES		LOG NUMBER	THIS DRAWING IS THE PROPERTY OF		
TOLERANCES			ARGONNE NATIONAL LABORATORY		
DECIMALS	ANGULAR				
.X - .03 [.7620]	- .25	DRAWN BY	DATE	TITLE	ADVANCED PHOTON SOURCE L5 APS UNDULATOR WHITE BEAM H & V SLITS LEFT VACUUM FLANGE
.XX - .01 [0.25]		MUSCIA	3/7/94		
.XXX - .005 [0.127]		CHECKED BY	GP LEADER		
SURFACE ROUGHNESS	125 ✓				
REMOVE ALL BURRS AND BREAK SHARP EDGES .03 MAX.		DESIGNER	PROJECT MGR.		
SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ANSI B46.1		SHU/MUSCIA			
DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5		RESPONSIBLE ENGINEER	APPROVED/RELEASED		
MATERIAL		SCALE		SIZE	DRAWING NUMBER
SEE ABOVE		1:1		C	P4105091505-230004-00
DO NOT SCALE DRAWING		SHEET 1 of 1			